Standalone DVR Quick Start Guide

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Welcome

Thank you for purchasing our DVR!
This quick start guide will help you become familiar with our DVR in a very short time.
Here you can find hardware installation， cable connection information and general operations such as system setup, record, search, backup, alarm setup, PTZ operation, also here you can find web operation instruction.
Before installation and operation please read the following safeguards and warnings carefully!

Important Safeguards and Warnings

1．Electrical safety

All installation and operation here should conform to local electrical safety codes.
We assume no liability or responsibility for all the fires or electrical shock caused by improper handling or installation.

2．Transportation security

Heavy stress, violent vibration or water splash are not allowed during transportation, storage and installation.

3．Installation

Keep upwards. Handle with care.
Do not apply power to the DVR before completing installation.
Do not place objects on the DVR

4．Qualified engineers needed

All the examination and repair work should be done by the qualified service engineers.
We are not liable for any problems caused by unauthorized modifications or attempted repair.

5．Environment

The DVR should be installed in a cool, dry place away from direct sunlight, inflammable, explosive substances and etc.

6. Accessories

Be sure to use all the accessories recommended by manufacturer.
Before installation, please open the package and check all the components listed below are included:

- One power cable
- One Ethernet cable
- Four HDD cables
- Alarm & relay terminal blocks
- Extensional cable(for audio, loop & matrix)
- One remote control(including the battery)
- One USB mouse
- One CD(including DVR manual, client & small tools)
- Warranty card
- A package of installation fittings

Contact your local retailer ASAP if something is missing in your package.

Note: Any changes of this manual made to the actual product are subject to no

further notification.

1 Hardware Installation and Connections

Note: All the installation and operations here should conform to your local electric safety rules.

1.1 Check Unpacked DVR

When you receive the DVR from the shipping agency, please check whether there is any visible damage to the DVR appearance. The protective materials used for the package of the DVR can protect most accidental clashes during transportation. Then you can open the box to check the accessories.
Please check the items in accordance with the list on the warranty card. Finally you can remove the protective film of the DVR.

1.2 HDD Installation

1.2.1 Choose HDDs

We recommend Seagate HDD of 7200rpm or higher.

1.2.2 Calculate HDD Size

This series have no limit to HDD capacity. You can use 120G-750G HDD to guarantee higher stability.
The formula of total HDD size is:
Total Capacity (MB) = Camera Amount * Recording Hours * HDD Usage Per Hour (M/h)
H.264 compression is ideal for standalone DVRs. It can save more than 30% HDD capacity than MPEG4. When you calculate the total HD capacity, you should estimate the average HDD capacity per hour for each channel.
For example, for a 4-ch DVR, the average capacity of HDD usage per hour per channel is 200M/h. Now if you hope the DVR can record the video 12 hours each day for 30 days, the total capacity of HDDs needed is: 4 channels * 30 days * 12 hours * 200 M/h = 288G. So you need to install one 300G HDD or 2 160G HDDs.

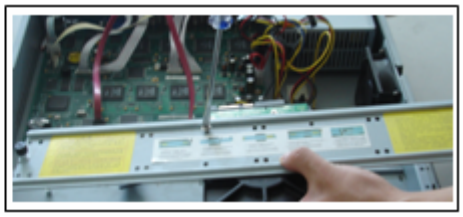
1.2.3 HDD Installation

Data ribbons, fastening screws and smart HDD shelf design are already provided in the accessories bag.

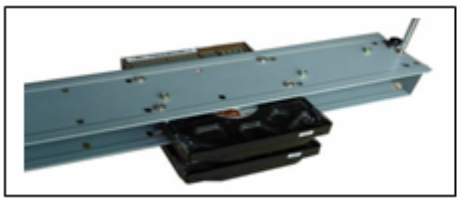
Please follow the instructions below to install hard disk.

1. Loosen the screws of the upper cover.

2. Remove the HDD bracket from internal unit.



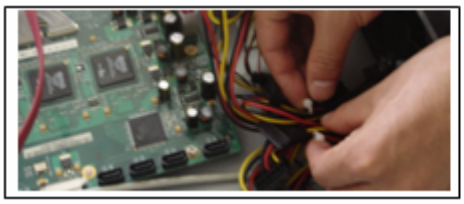
3. Dismantle the upper HDD bracket.



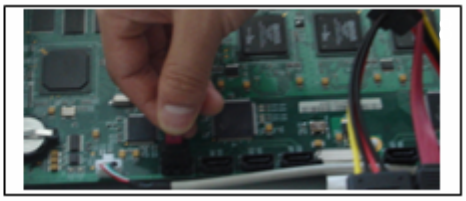
4. Install the HDD. Note the HDD is placed upside down. Please make sure bracket is in correct position.

If the HDD amount is less than four, you do not need to install the HDD bracket.

5. Screw the two bracket parts together.



6. Put HDD bracket back and then fix firmly.



7. Loosen the power cable.

8. Connect to the SATA ports and then connect power cord to the HDDs.

9. Place the upper cover back and screw firmly.

After HDD installation, please check connection of data ribbon and power cord.

1.3 Front Panel

Please refer to the following sheet for front panel button information.

Name	Icon	Function
Power button	POWER	Power button, press this button for three seconds to shut down DVR.

Power indication light		Power indication light
Shift	↑	In preview interface(no other menu), press this button for three seconds, can switch between TV/VGA output(HD1 series DVR has three modes TV/VGA/60Hz LCD)
		In textbox, click this button to switch between numeral, English(Small/Capitalized),donation, Chinese and etc.
		Open/close tour
numeral keys 0-9	0-9	Input password, switch channel and input numeral.
Input numeral more than10	-/--	When you need to input numeral more than 9. You can follow the steps below, click the first key number and then the next. For example, input 123, click numeral 1 and then 2 and click 3(continuously).
Up/down	▲、▼	Activate current control, modify setup, increase/decrease numeral, assistant function such as PTZ menu.
Left/right	◀、▶	shift current activated control, When playback, click these buttons to control playback bar.
ESC	ESC	Close upper interface or controls.
Enter	ENTER	confirm operation
		Go to default button
		Go to main menu
Record	●	Manually stop/start recording, working with direction keys or numeral keys,
Slow play	▮▸	Multiple slow play speeds or normal playback
Assistant	Fn	One-window monitor mode, click this button to display assistant function: PTZ control and image color. In PTZ menu, shift PTZ control menu.
		Backspace function: in numeral control or text control, it can delete the previous character before the cursor.
		In motion detection setup, working with Fn and direction keys to realize setup.
		In HDD information menu, switch between HDD record time or other information(Menu prompt)
		Realize other special functions
Fast play	▸▸	Various fast speeds and normal playback.
Play previous	◂▮	In playback mode, playback the previous video In menu setup, go to upper ward of the dropdown list.

Reverse/Pause	II◀	In normal playback or pause mode, click this button to reverse playback In reverse playback, click this button to pause playback.
Play Next	▶I	In playback mode, playback the next video In menu setup, go to down ward of the dropdown list.
Play/Pause	▶II	Reverse playback or paused mode, click this button to realize normal playback In normal playback click this button to pause playback In pause mode, click this button to resume playback
		In real-time monitor mode, click this button to enter video search menu.
USB port		To connect USB storage device, USB mouse or USB CD-ROM
Channel indication light		When DVR is recording this lamp turns on.
Standby indication light		When DVR is standing by, this lamp turns on.
Remote control signal receiver		To receive signals from remote control
Function indication light		
Window switch	MULT	Switch between one-window and multiple-window display modes.
Enter	ENTER	confirm current operation
		go to default button
		Go to main menu
Cancel	ESC	Close upper interface or controls.
Shuttle(outer ring)		In real-time monitor mode it works as left/right direction key. Playback mode, counter clockwise to forward and clock wise to backward
Jog(inner dial)		Up/down direction key. Playback mode, turn the inner dial to realized frame by frame playback. (only applies to some version.)

1.4 Rear Panel

Please refer to Figure 1-1for real panel information.

Please note all the operation and instruction in this quick start guide is taking 16-ch DVR as an example.

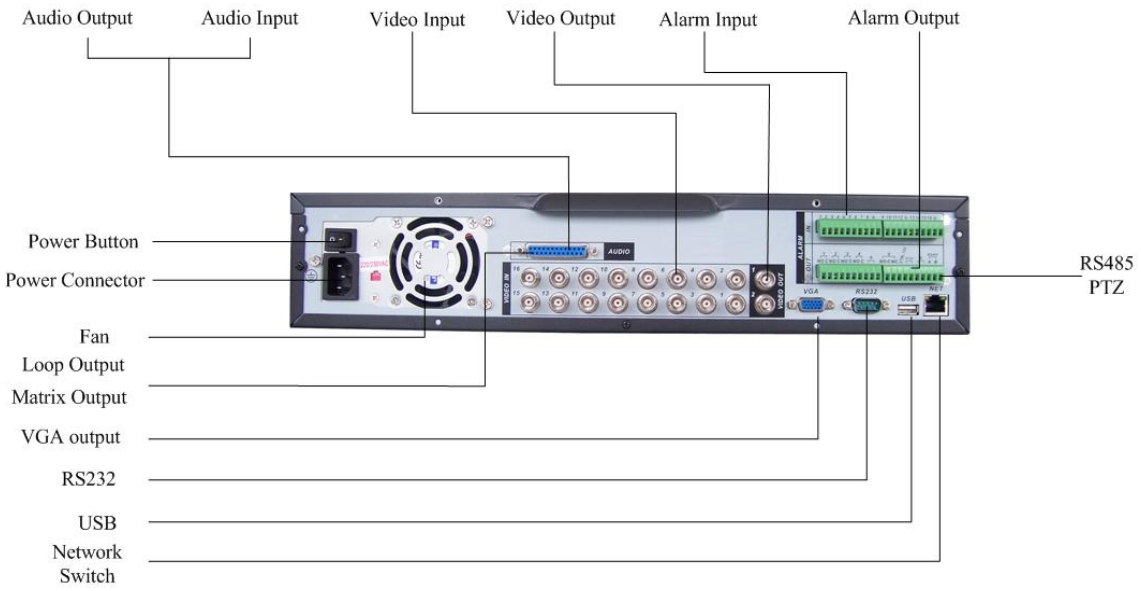


Figure 1-1

1.5 Connection Sample

CIF/2CIF Model

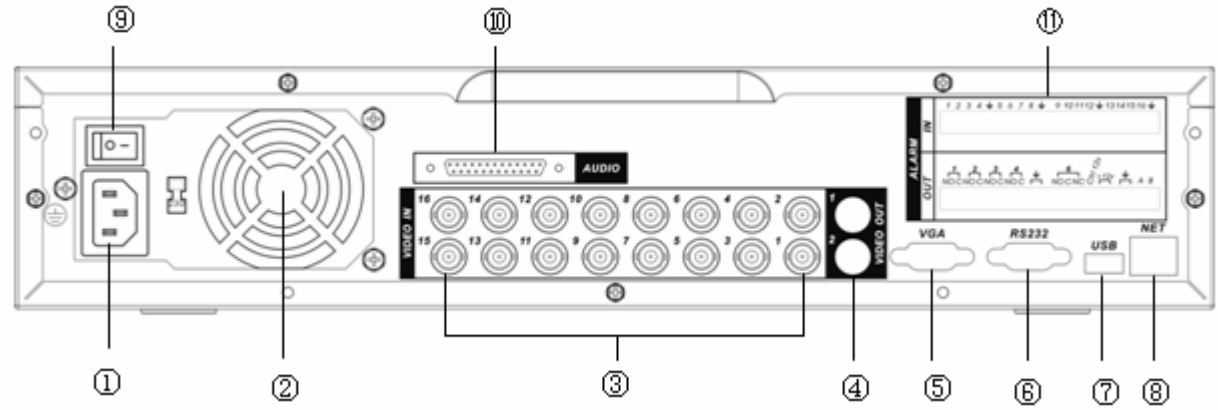


Figure 1-2

①Power socket ②Fan ③Video input ④Video BNC output
⑤Video VGA output ⑥RS-232 port ⑦USB port ⑧Network interface
⑨Power button ⑩Audio input/ 4 ch audio&loop&1 matrix output/ loop&4 ch matrix output(according to the actual type)
⑪Alarm in&alarm out&RS-485 port

D1 SATA Dual Network Ports Model

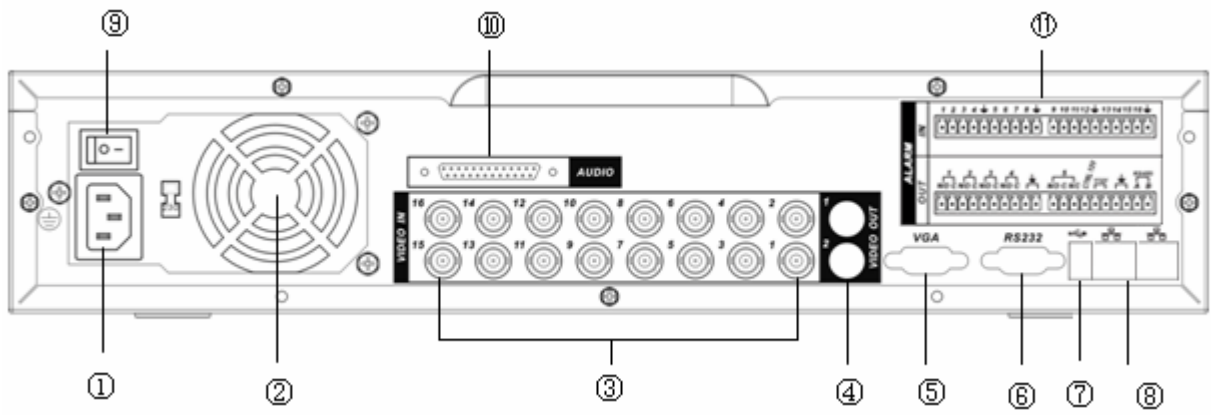


Figure 1-3

①Power socket ②Fan ③Video input ④Video BNC output
⑤Video VGA output ⑥RS-232 port ⑦USB port ⑧Network interface
⑨Power button ⑩Audio input / 4 ch audio&loop&1 matrix output / loop&4 ch matrix output(according to the actual type)
⑪Alarm in&alarm out&RS-485 port

For some special models, 4-ch rear panel information is shown as below. See Figure 1-4.

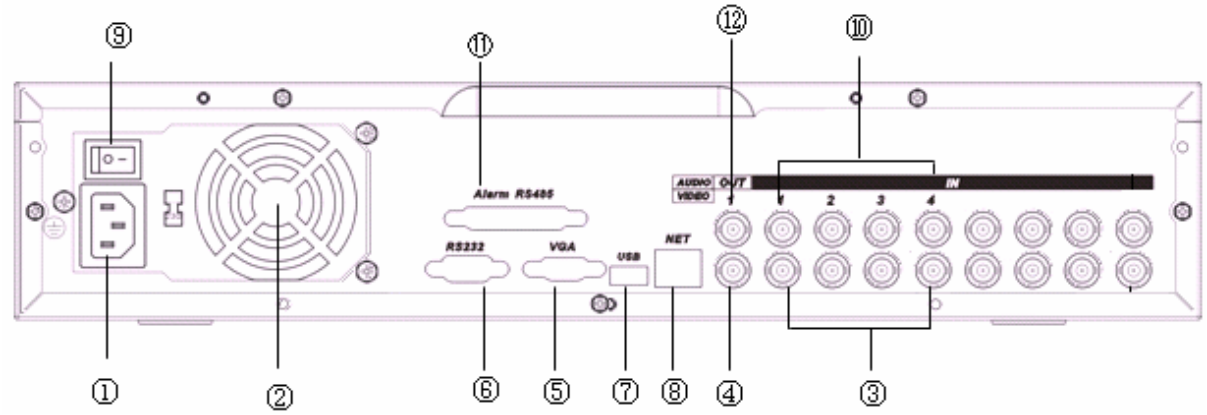


Figure 1-4

①Power socket ②Fan ③Video input ④Video BNC output
⑤Video VGA output ⑥RS-232 port ⑦USB port ⑧Network interface
⑨Power button ⑩Audio input ⑪RS-485 port ⑫Audio output

Please refer to Figure 1-5 for connection sample.

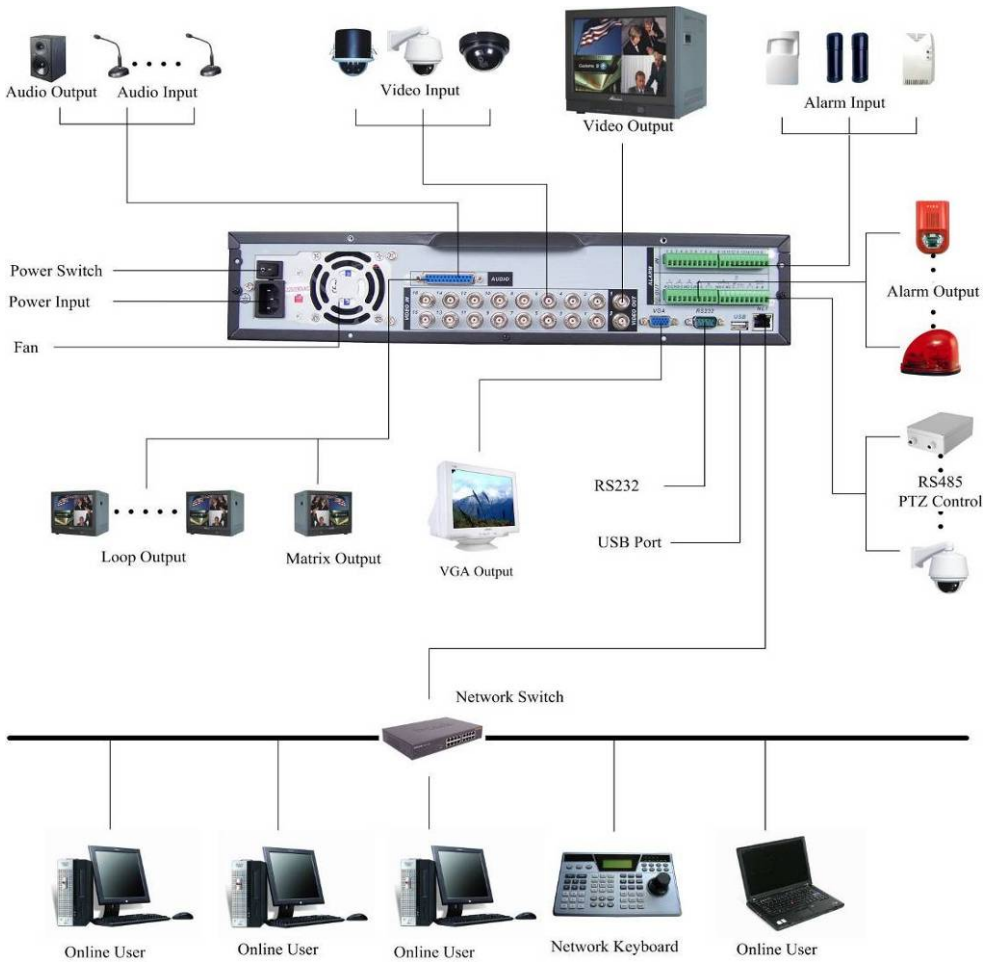


Figure 1-5

1.6 Alarm Input and Relay Output

The DVR offers 16 alarm inputs for external signaling devices, such as door contacts or motion detectors. Each alarm input can be either normally open or normally closed. Once configured, an alarm input can invoke many different activities, including triggering a relay device, sending an alert to a security office or storing pre-alarm video to the DVR.

1.6.1 Alarm Input

You should check your alarm input mode is grounding alarm input or not.
For this series DVR, grounding signal is needed for alarm input.
If you need to connect two units or one DVR and other device, please use relay to separate them.
Please refer to Figure 1-6 for more information.

Figure 1-6

1.6.2 Alarm Output

Do not connect alarm output port directly with high power load (no more than 1 A) in case of heavy current.

You can use the co-contactor to realize the connection between the alarm output port and the load.

Please refer to Figure 1-7 for more information.

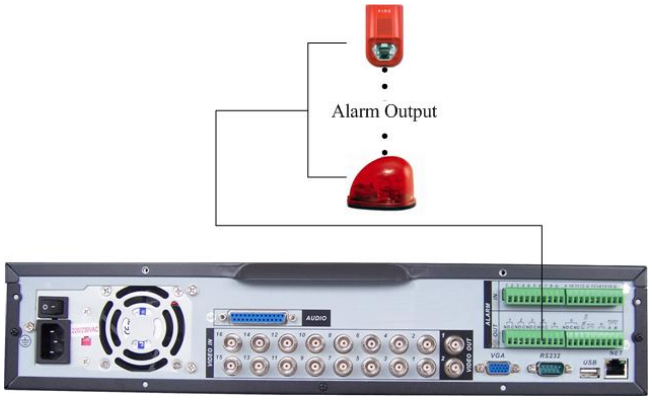


Figure 1-7

1.6.3 Alarm Input and Output Details

You can refer to the following sheet and Figure 1-8 for alarm input and output information.

Parameter	**Grounding Alarm**
Ground	Ground line
Alarm Input	1, 2, …, 16
Relay Output	1,2,3,4: NO and C(Normally Open and Com) 5: NO,C and NC(Normally Open, Com, Normally Closed) 6: Ctrl 12V(This is used for reset the senor)
485 A、B	485 communication port. They are used to control devic such as PTZ.
+12（C）	This should input an external power input.

- 4/8/16-ch grounding alarm inputs. (Normal open or Normal close type)
- Please parallel connect COM end and GND end of the alarm detector (Provide external power to the alarm detector).

- Please parallel connect the Ground of the DVR and the ground of the alarm detector.
- Please connect the NC port of the alarm sensor to the DVR alarm input(ALARM)
- If you need to reset the touched-off alarm remotely, you can use DVR to supply controllable 12 V power to the alarm detector such as the smoke detector.
- Use the same ground with that of DVR if you use external power to the alarm device.

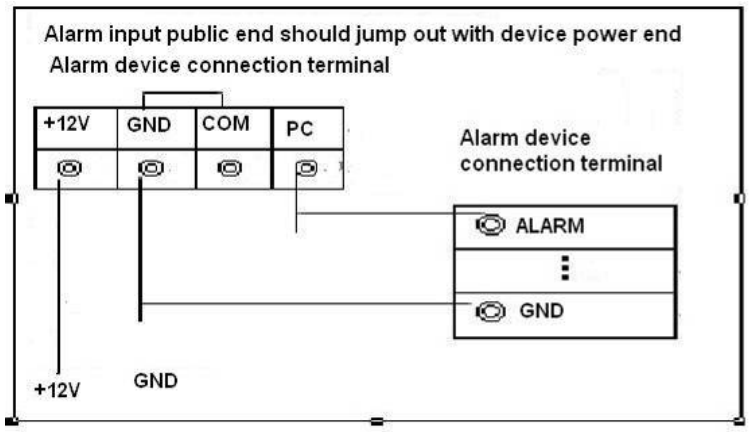


Figure 1-8

1.6.4 Relay Output Description

- 6 ways relay alarm output. Provide external power to external alarm device.
- To avoid over loading, please read the following relay parameters sheet carefully. (See below table)
- The controllable +12v can be used to restore the smoke detector.

Please refer to Figure 1-9 for alarm input module information.

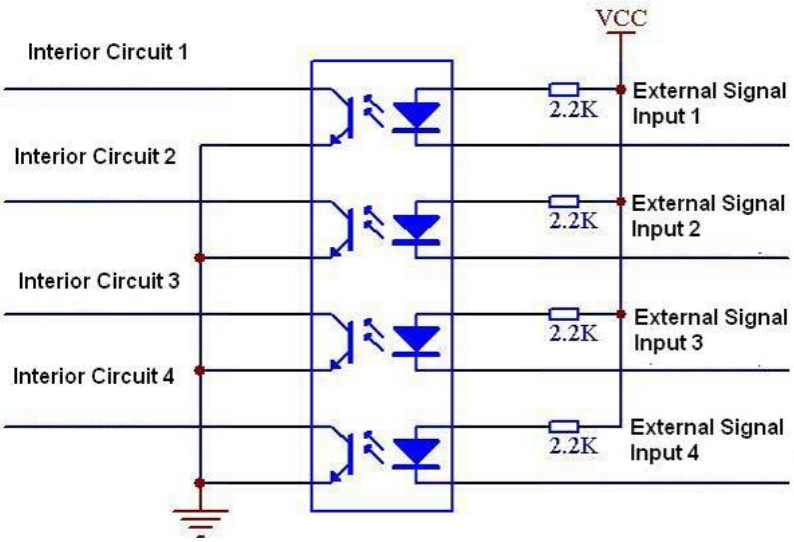


Figure 1-9

Please refer to Figure 1-10 for alarm output module information.

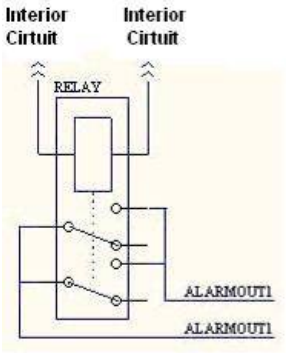


Figure 1-10

Relay Specification

Model:	**JRC-27F**	
Material of the touch	Silver	
Rating（resistance load）	Rated switch capacity	30VDC 2A, 125VAC 1A
	Maximum switch power	125VA 160W
	Maximum switch voltage	250VAC, 220VDC
	Maximum switch currency	1A
Insulation	between touches with same polarity	1000VAC 1minute 50/60Hz
	between touches with different polarity	1000VAC 1minute 50/60Hz
	between touch and winding	1000VAC 1minute 50/60Hz
Surge voltage	between touches with same polarity	1500V (10×160us)
Length of open time	3ms max	
Length of close time	3ms max	
Longevity	Mechanical	50×106 times (3Hz)
	Electrical	200×103 times (0.5Hz)
Temperature	-40℃ ~+70℃	

2 Overview of Navigation and Controls

Before operation, please make sure you have properly installed HDDs and all the cable connections.

2.1 Login, Logout & Main Menu

2.1.1 Login

When the system boots up, default video display is in multiple-window mode. Click Enter or left click mouse, you can see the login interface. See Figure 2-1. System consists of four accounts:

- Username: admin. Password: admin. (administrator, local and network)
- Username: 888888. Password: 888888. (administrator, local only)
- Username: 666666. Passwords: 666666(Lower authority user who can only monitor, playback, backup and etc.)
- Username: default. Password: default(hidden user)

For your system security, please modify you password after first login.

You can use USB mouse, front panel, remote controller or keyboard to input.

About input method: Click 123 to switch between numeral, English character (small/capitalized) and denotation.

Note: Three times login failure in 30 minutes will result in system alarm and five times login failure will result in account lock!

Figure 2-1

2.1.2 Main Menu

After you logged in, the system main menu is shown as below. See Figure 2-2. There are total six icons: search, information, setting, backup, advanced and shutdown.

You can move the cursor to highlight the icon, and then left click mouse to enter the sub-menu.

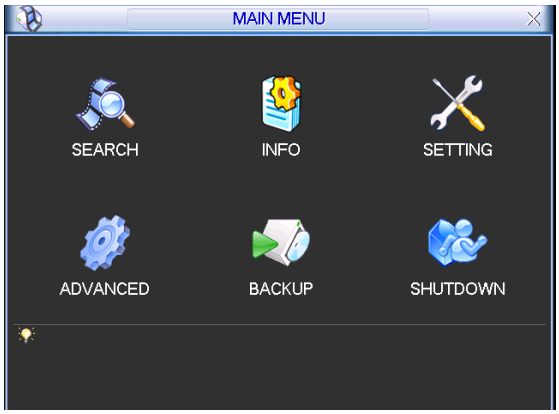


Figure 2-2

2.1.3 Logout

There are two ways for you to log out.

One is from menu option:

In the main menu, click shutdown button, you can see an interface is shown as below. See Figure 2-3.

Figure 2-3

There are several options for you. See Figure 2-4.

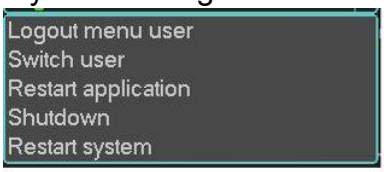


Figure 2-4

The other ways is to press power button on the front panel for at least 3 seconds, system will stop all operations. Then you can click the power button in the rear panel to turn off the DVR.

2.1.4 Auto Resume after Power Failure

The system can automatically backup video and resume previous working status after power failure.

2.1.5 Replace Button Battery

Please make sure to use the same battery model if possible.

We recommend replace battery regularly (such as one-year) to guarantee system time accuracy.

2.2 Recording Operation

2.2.1 Live Viewing

When you login, the system is in live viewing mode. You can see system date, time and channel name. If you want to change system date and time, you can refer to general settings (Main Menu->Setting->General). If you want to modify the channel name, please refer to the display settings (Main Menu->Setting->Display). The following icons stand for camera's video and alarm status.

1		Recording status	3		Video loss
2		Motion detection	4		Camera lock

Note: Please refer to the following sheet for channel status. stands for opening switch function, stands for closing switch function.

2.3 Record Setup (Schedule)

When the system boots up, it is in default 24-hour regular mode. You can set record type and time in schedule interface.

4.4.1 Schedule Menu

In the main menu, from setting to schedule, you can go to schedule menu. See Figure 2-5.

There are three record types: R-Regular, MD-Motion detection, A- Alarm.

There are total six periods.

- Channel: Please select the channel number first. You can select “all” if you want to set for the whole channels.
- Week day: There are eight options: ranges from Saturday to Sunday and all.
- Redundancy: System supports redundancy backup function. You can highlight Redundancy button to activate this function. Please note, before enable this function, please set at least one HDD as redundant.(Main menu->Advanced->HDD Management)
- Snapshoot: You can enable this function to snapshoot image when alarm occurs.
- Record types: There are three types: regular, motion detection (MD) and Alarm.

Please highlight icon to select the corresponding function. After all the setups please click save button, system goes back to the previous menu.

At the bottom of the menu, there are color bars for your reference. Green stands for regular recording, yellow stands for motion detection and red stands for alarm recording.

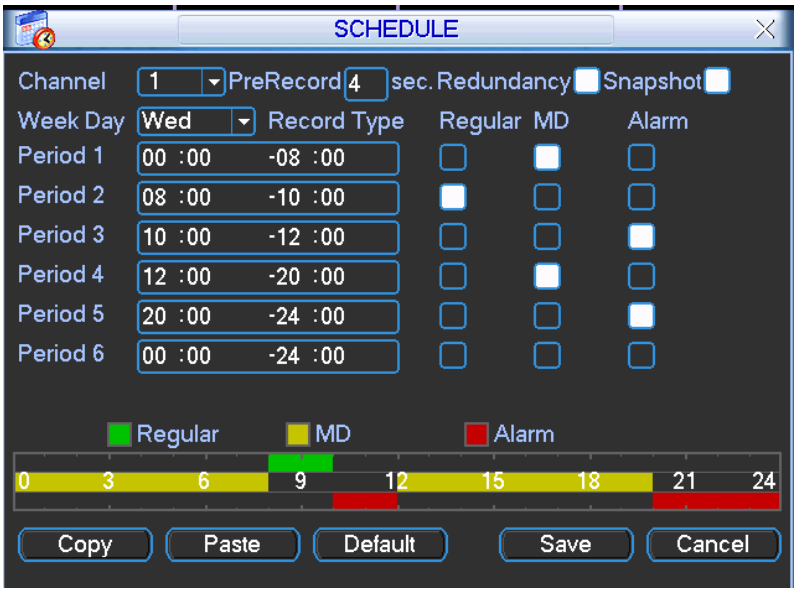

SCHEDULE
Channel 1 PreRecord 4 sec. Redundancy Snapshot
Week Day Wed Record Type Regular MD Alarm
Period 1 00 :00 -08 :00
Period 2 08 :00 -10 :00
Period 3 10 :00 -12 :00
Period 4 12 :00 -20 :00
Period 5 20 :00 -24 :00
Period 6 00 :00 -24 :00
Regular MD Alarm
0 3 6 9 12 15 18 21 24
Copy Paste Default Save Cancel

Figure 2-5

2.3.1 Manual record

Note:

You need to have proper rights to implement the following operations. Please make sure the HDDs have been properly installed.

2.3.1.1 Manual record menu

There are two ways for you to go to manual record menu.

- Right click mouse or in the main menu, Advanced->Manual Record.
- In live viewing mode, click record button in the front panel or record button in the remote control.

There are three statuses: schedule/manual/stop. Highlight icon "○" to select corresponding channel. See Figure 2-6.

- Manual: the highest priority. After manual setup, all selected channels will begin ordinary recording.
- Schedule: channel records as you have set in recording setup (Main Menu->Setting->Schedule)
- Stop: all channels stop recording.

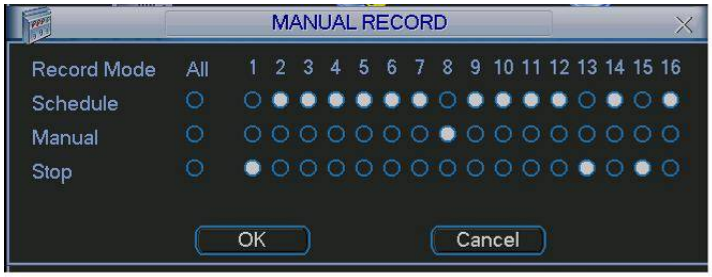


Figure 2-6

2.3.2 Encode

For one stream series DVR, the interface is shown as in Figure 2-7.

For dual-stream series DVR, the interface is shown as in Figure 2-8.

- Channel: Select the channel you want.
- Compression: system supports H.264. Or you can select from the dropdown list.
- Resolution: System supports various resolutions, you can select from the dropdown list. For this model, we can support D1/CIF.
- Bit rate: system supports two types: CBR and VBR. In VBR mode, you can set video quality.
- Quality: There are six levels ranging from 1 to 6. The sixth level has the highest image quality.
- Frame rate: there are six levels: 1 f/s,2f/s,3f/s, 6f/s,12f/s,25f/s. (Some series DVRs only support PAL 25f/s)
- Video/audio: you can enable or disable the video/audio.
- Overlay: click overlay button, you can see an interface containing the following items.
  - ✧ Cover area (Privacy mask): Here is for you to set window blanking section. You can drag you mouse to set proper section size.
  - ✧ Preview/monitor: privacy mask has two types. Preview means the privacy mask zone can not be viewed by user when system is in preview status. Monitor means the privacy mask zone can not be view by the user when system is in monitor status.
  - ✧ Time display: You can select system displays time or not when you playback.
  - ✧ Channel display: You can select system displays channel number or not when you playback.
- Snapshoot: Click snapshoot button, you can see an interface containing the following items.(This function applies to some series only)
  - ✧ Mode: There are two types: one is timing and the other is activation (trigger).
  - ✧ Image size: D1/HD1/BCIF/CIF.
  - ✧ Image quality: level1 to level 6.
  - ✧ Snapshoot frequency: Here you can set the snapshoot frequency. The value ranges from 1s/p to 7s/p.

System default setup is:

- Channel:1
- Compression:H.264
- Resolution: CIF/D1
- Bit rate: CBR
- Quality: 4
- Frame rate: 25f/s

Please highlight icon ▣ to select the corresponding function.

Figure 2-7

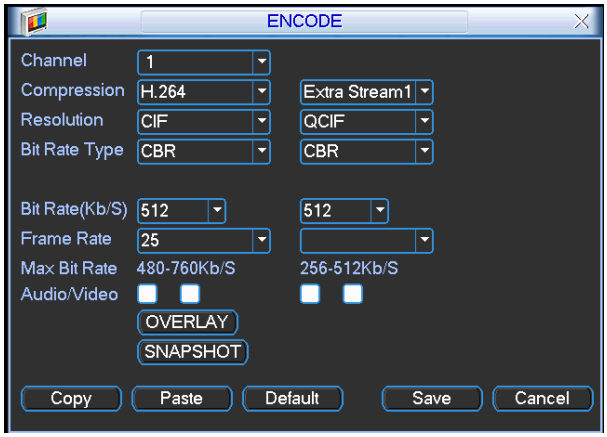


Figure 2-8

2.3.3 Search and Playback

There are two ways for you to go to search menu.

- Click Pause/Play button in the remote control.
- Click search in the main menu.

Search interface is shown as below. See Figure 2-9.

Usually there are three file types:

- R: regular recording file.
- A: external alarm recording file.
- M: motion detection recording file
- C: card and pos test overlay recording file(For some special series only)

There are several playback windows. Usually system supports 1/2-ch playback. Some series support 4-ch playback.

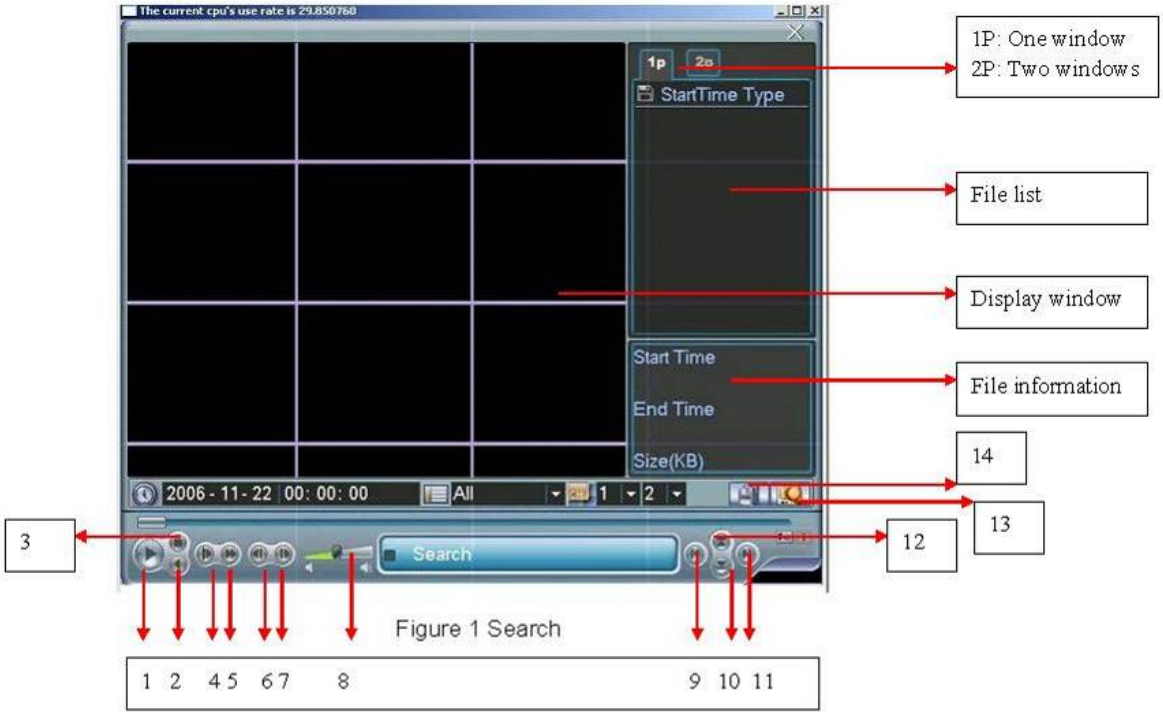


Figure 2-9

Please refer to the following sheet for more information.

Serial Number	Function
1	Play
2	Backward
3	Stop
4	Slow play
5	Fast play
6	Previous frame
7	Next frame
8	Volume
9	Previous file
10	Next channel
11	Next file
12	Previous channel
13	Search
14	Backup

2.3.4 Basic Operation

2.3.4.1 Playback

There are various search modes: video type, channel number or time. The system can max display 32 files in one screen. You can use page up/down button to view if there are more than one page.

Select the file name and double click mouse (or click enter button), you can view file content.

2.3.4.2 Accurate playback

Input time (h/m/s) in the time column and then click playback button, system can operate accurate playback.

2.3.4.3 Synchronized playback function when playback

During playback process, click numeral key, system can switch to the corresponding channel video of the same time.

2.3.4.4 Digital zoom

When the system is in full-screen playback mode, drag your mouse in the screen to select a section and then left click mouse to realize digital zoom. You can right click mouse to exit.

2.3.4.5 File backup

System supports backup operation during search. You can draw a √ before file name (multiple choices). Then click backup button (Button 14 in Figure 2-9).

2.3.4.6 Slow playback and fast playback

Please refer to the following sheet for slow play and fast playback function.

Button	**Illustration**	**Remarks**
Fast play button ⏩	In playback mode, click this button to switch between various fast play modes such as fast play 1,fast play 2 and more.(Fast play 1 means fast play level 1 or not about speed)	Frame rate may vary due to different versions.
Slow play button ▶ (Or you can turn the outer ring counter clockwise.)	In playback mode, click this button to switch between various slow play modes such as slow play 1 or slow play 2.	
3、Play/Pause⏯	In slow playback mode, click this button to switch between play/pause modes.	
4、Previous/next	In playback mode, you can click ⏮ and ⏭ to view previous or next video in current channel.	

2.3.4.7 Fast forward/fast backward and frame by frame playback

Special Functions of Shuttle and Jog	**Illustration**	**Remarks**
Fast forward(outer ring clockwise)	When playback, turn the shuttle (outer ring) clockwise one round: you can view in fast level 1 Turn it two rounds you get fast level 2. You can continue turning to get different speed.	In forward or backward mode, double click Pause/Play button to get normal playback. Frame rate may vary due to different version.
Fast backward(outer ring counter clockwise)	When playback, turn the shuttle (outer ring) counter clock-wise one round, you can view in backward level 1. Turn it two rounds, you get backward level 2. You can continue turning to get different speed.	

Manual playback frame by frame	In playback mode, click play/pause button, slowly turn the jog (inner dial) clock-wise to view frame by frame, counter clock wise to view I frame playback.	

2.3.4.8 Backward playback and frame by frame playback

Button	Illustration	Remarks
Backward play ⏮ in playback interface.	In normal playback mode, left click backward play button, system begins backward playback. Double click backward play button again, system goes to pause mode.	When system is in backward play or frame by frame playback mode, you can click play button to go to normal playback.
Manual playback frame by frame.	Click pause button in normal playback mode, slowly turn the jog (inner dial) clock-wise to view frame by frame, counter clock wise to view I frame playback.	

Note:
All the operations here (such as playback speed, channel, time and progress) have relationship with hardware version. Some series DVRs do not support some functions or playback speeds.

2.4 Network Setup

Here is for you to input network information. See Figure 2-10.

- IP address: Here you can input IP address.
- DHCP: It is auto search IP function. When enable DHCP function, you can not modify IP/Subnet mask /Gateway. These values are from DHCP function. If you have not enabled DHCP function, IP/Subnet mask/Gateway display as o. You need to disable DHCP function to view current IP information. Besides, when PPPoE is operating, you can not modify IP/Subnet mask /Gateway.
- TCP port: Default value is 37777. (System server port 37778 is reserved for network UDP use.)
- UDP port: Default value is 37778.
- HTTP port: Default value is 80.
- Max connection: system support maximal 10 users. 0 means there is no connection limit.
- Transfer mode: Here you can select the priority between fluency/video qualities.
- Network download: System can process the downloaded data first if you enable this function.

After completing all the setups please click save button, system goes back to the previous menu.

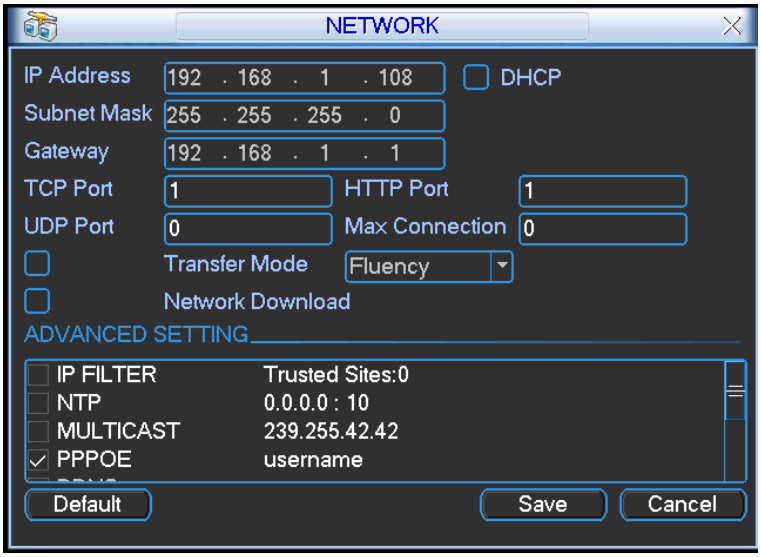


Figure 2-10

2.4.1.1 Advanced Setup

Advanced setup interface is shown as in Figure 2-11. Please draw a circle to enable corresponding function and then double click current item to go to setup interface.

Figure 2-11

2.5 Pan/Tilt/Zoom

2.5.1 PTZ setup

The pan/tilt/zoom setup includes the following items. Please select channel first. See Figure 2-12.

- Protocol: select corresponding PTZ protocol such as PELCOD.
- Address: input corresponding PTZ address.
- Baud rate: select baud rate.
- Data bit: select data bit.
- Stop bit: select stop bit.
- Parity: there are three choices: none/odd/even.

After completing all the setups please click save button, system goes back to the previous menu.

For detailed setup, please refer to chapter 4.9 preset/patrol/pattern/scan.

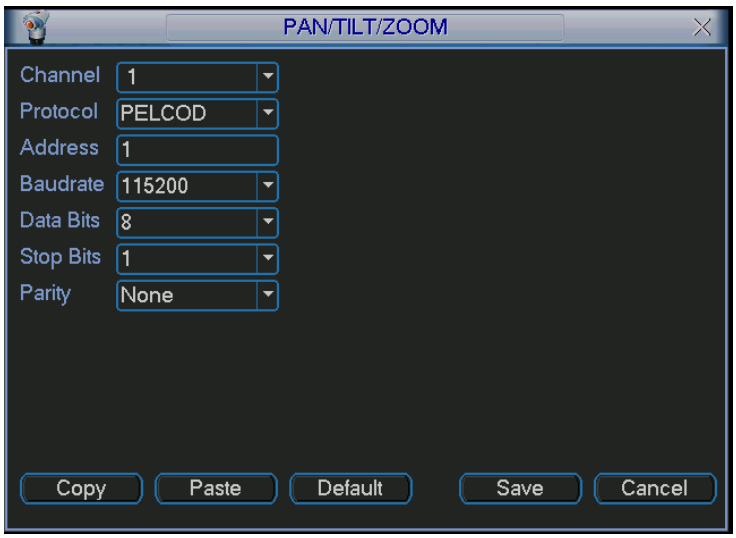


Figure 2-12

After completing all the setups please click save button.

2.5.2 PTZ operation

In one window display mode, right click mouse (click “Fn” Button in the front panel or click “Fn” key in the remote control). The interface is shown as in Figure 2-13.

Figure 2-13

Click Pan/Tilt/Zoom, the interface is shown as below. See Figure 2-14.
Here you can set the following items:

- Step: value ranges fro 1 to 8.
- Zoom
- Focus
- Iris

Click icon and to adjust zoom, focus and iris.

Figure 2-14

In Figure 2-14, please click direction arrows (See Figure 2-15) to adjust PTZ position. There are total 8 direction arrows.

Figure 2-15

2.5.3 3D Intelligent Positioning Key

In the middle of the eight direction arrows, there is a 3D intelligent positioning key. See Figure 2-16.

Click this key, system goes back to the single screen mode. Drag the mouse in the screen to adjust section size. It can realize PTZ automatically.

Figure 2-16

Here is a sheet for you reference.

Name	Function key	function	Shortcut key	Function key	function	Shortcut Key
Zoom		Near	▶		Far	▶▶
Focus		Near	◀		Far	▶
Iris		close	II ◀		Open	▶ II

You can click set button in Figure 2-14 to set preset, tour, and pattern.

3 Web Client Operation

There might be slightly difference in the interface due to different series.

3.1 Network Connection

Before web client operation, please check the following items:

- Network connection is right
- DVR and PC network setup is right. Please refer to network setup(main menu->setting->network)
- Use order ping ***.***.***.***(* DVR IP address) to check connection is OK or not. Usually the return TTL value should be less than 255.
- System is compatible with WIN VISTA web control right now. But you need to disable user account control function. Double click user account and then disable user account control. After completing setup, please reboot the PC.
- System can automatically download latest web control and the new version can overwrite the previous one.
- If you want to un-install the web control, please go to start and then click run button, input regsvr32 -u WebRec.ocx in the pop up dialogue box or run uninstall web.bat to un-install. Please note, before you un-install, please close all web page, otherwise the un-installation might result in error.

3.2 Login

Open IE and input DVR address in the address column. For example, if your DVR IP is 10.10.3.16, then please input http:// 10.10.3.16 in IE address column. See Figure 3-1

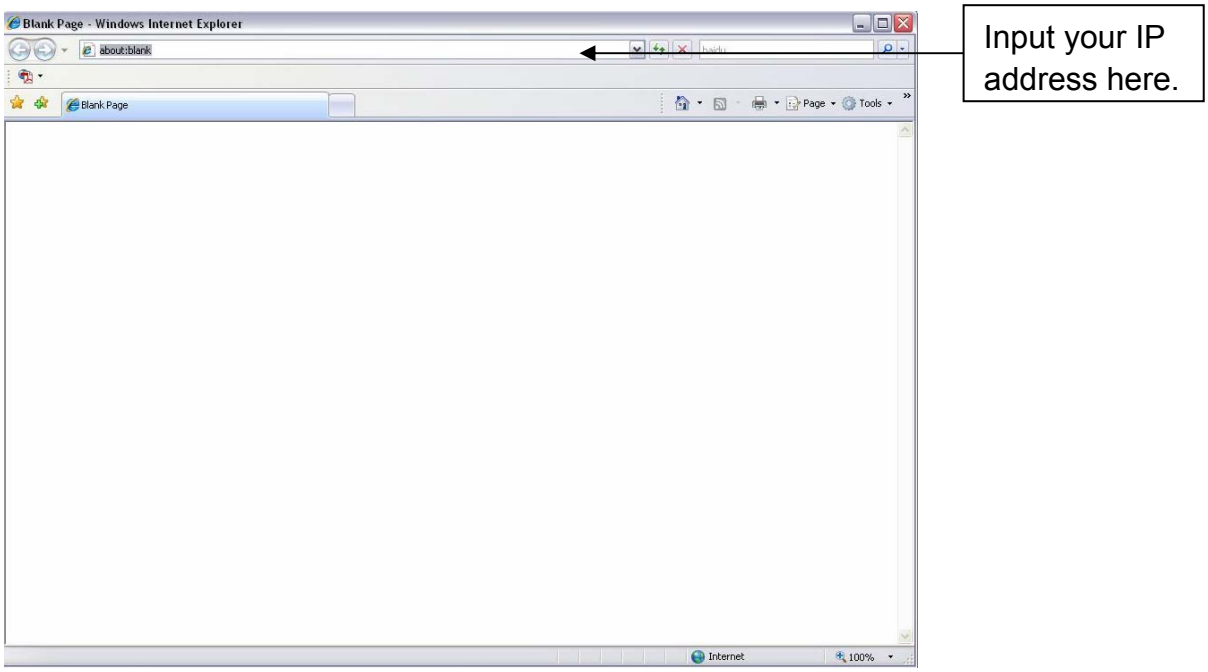


Figure 3-1

System pops up warning information to ask you whether install webrec.cab control or not. Please click yes button.

If you can't download the ActiveX file, please modify your settings as follows. See Figure 3-2.

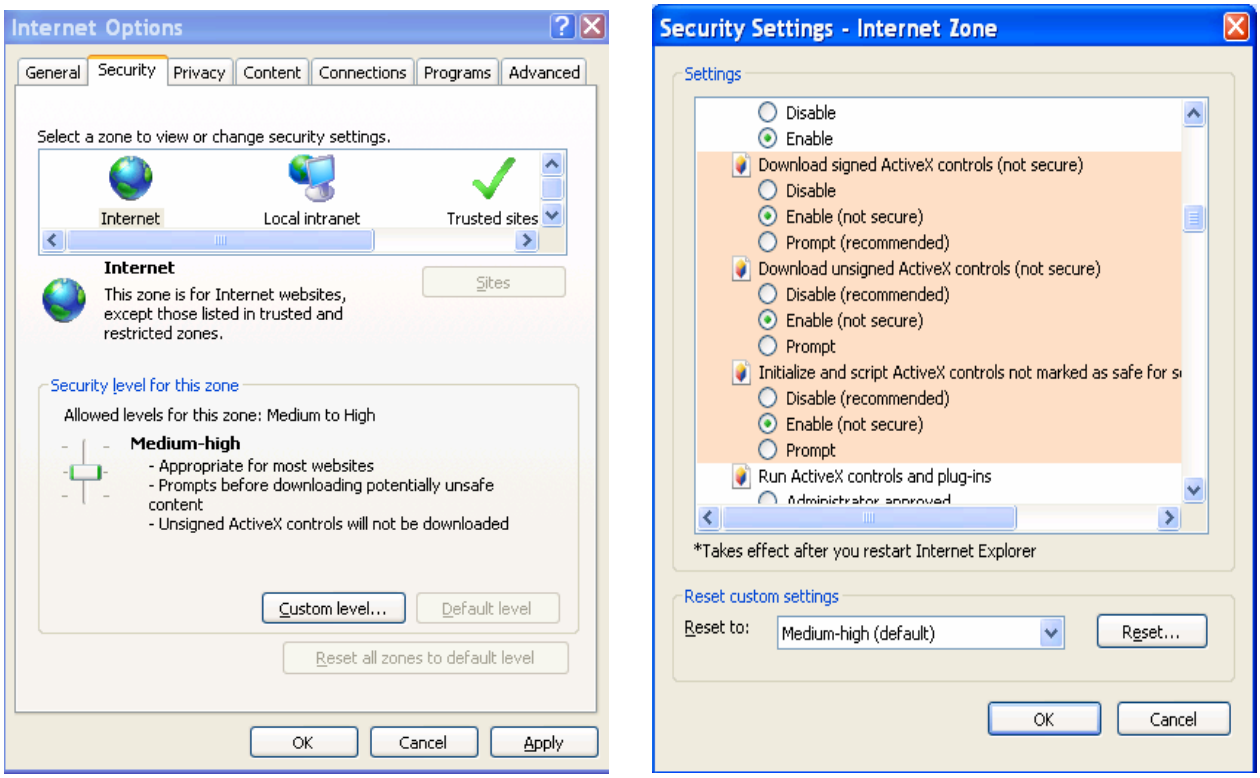


Figure 3-2

After installation, the interface is shown as below. See Figure 3-3.
Please input your user name and password.
Default factory name is admin and password is admin.
Note: For security reasons, please modify your password after you first login.

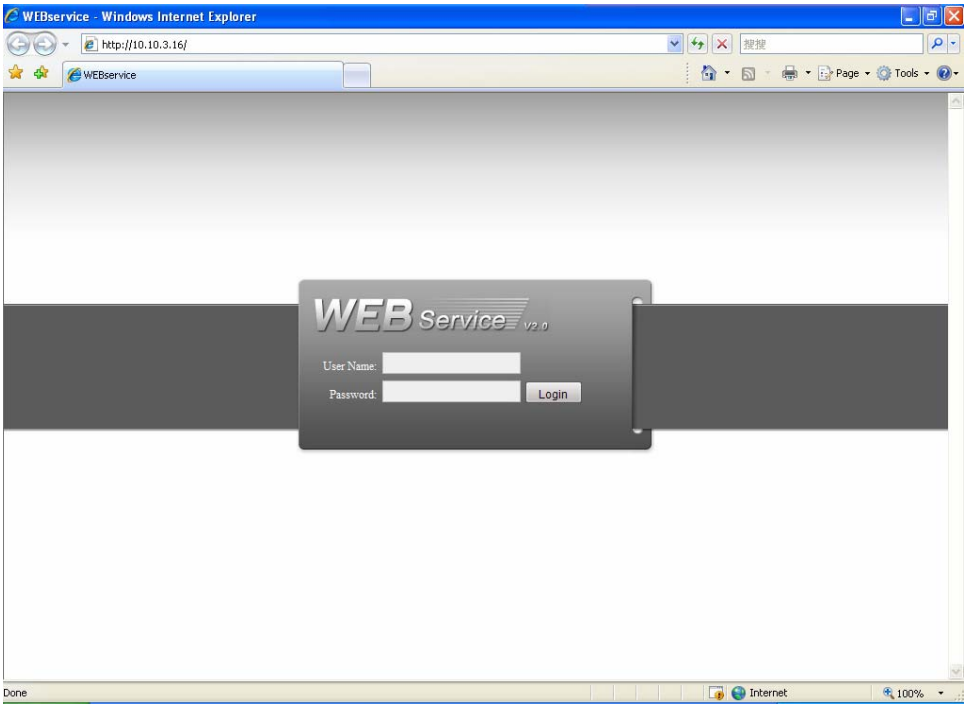


Figure 3-3

3.3 Main Window

After you logged in, you can see the main window. See Figure 3-6.
This main window can be divided into the following sections.

- Section 1: there are five function buttons: configuration, search, alarm, about, log out.
- Section 2: there are channel number and two function buttons: start dialog and local play.
- Section3: there are PTZ, color button and you can also select picture path and record path.
- Section 4:real-time monitor window. Please note current preview window is circled by a green rectangle zone.
- Section 5: Here you can view window switch button. You can also select video priority between fluency or real-time.
  - ✧ System monitor window switch supports full screen/1-window/4-window/6-window/8-window/9-window/13-window/16-window/20-window/25-window/36-window. See Figure 3-4.

Figure 3-4

✧ Preview window switch. System support 1/4/8/9/16-window real-time preview. Please you need to have the proper rights to implement preview operation. You can not preview if you have no right to preview the either channel. See Figure 3-5.

Figure 3-5

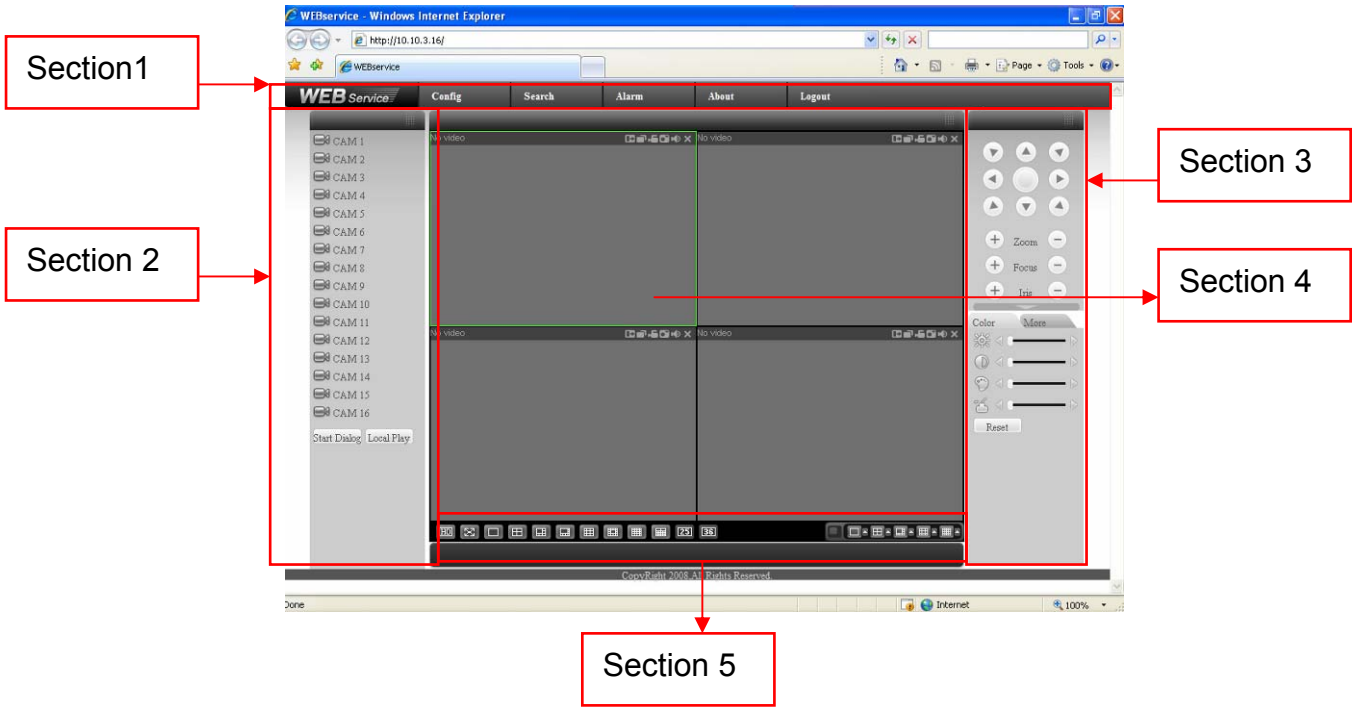


Figure 3-6

Note
For security reason, only the user of high-level can shut down the DVR.
Do remember logging out the system in case there is vicious operation under your name!

For detailed operation introduction, please refer to our resource CD included in your package for electronic version of the user's manual.
Slight difference may be found in user interface.
All the designs and software here are subject to change without prior written notice.
Please visit our website for more information.